

OBJECTIVE

Phacoemulsification is a transformative skill for any eye surgeon. For the surgeon, mastering Phacoemulsification opens up new professional opportunities, enhancing your surgical repertoire and making you more marketable. This advanced technique is highly sought after in the ophthalmology field, and proficiency in it can elevate your career to the next level.

Our meticulously crafted Phacoemulsification Training Course is designed to equip eye surgeons with the skills needed to execute the entire Phacoemulsification procedure confidently, utilizing the state-of-the-art HelpMeSee Eye Surgery simulator. Every intricate step, including the complex processes of trenching, dividing, and emulsifying the nucleus, is realistically simulated to provide an immersive, lifelike learning experience.

The Phacoemulsification Training Course emphasizes the development of hand-eye-foot coordination, vital for deftly maneuvering instruments during intraocular surgery and manipulating ultrasound energy via a foot pedal. With the HelpMeSee Eye Surgery simulator, you will master all the necessary skills to confidently perform Phacoemulsification in real-world surgical environments.

Course ideally suited for:

- Surgeons and practicing ophthalmologists aiming to polish their Phacoemulsification skills.
- Ophthalmology residents and fellows looking to advance their surgical competencies.
- Trainees who have completed the Manual Small Incision Cataract Surgery Simulation-based Training Course (MSTC).

The course is reserved for:

- Ophthalmology residents
- Practicing and senior ophthalmology surgeons
- Healthcare professionals authorized by their country to practice ophthalmology



DURATION

5 days



SUPERVISORS

Our simulation courses are led by certified instructors



TERMS

- Completion of a form to better know the participant's experience
- Access to e-book
- E-learning and/or pre-tests to be done before the on-site course
- No score is eliminatory
- Practical sessions on the simulator with assessments after each module
- Certificate of completion and satisfaction survey



ACCESSIBILITY

- Accessible premises and services adapted for people with disabilities. To take part in the courses, please contact the organisation's disability advisor



PEDAGOGY

- The training is participative, alternating theoretical classroom sessions with practical sessions on the simulator
- Course language: French and/or english



SUPPORT

Access to e-book for 1 year



ASSESSMENT

- The knowledge acquired will be evaluated by assessments at the end of each chapter.
- Overall satisfaction will be assessed at the end of the course.



CERTIFICATION

Every participant will receive a certificate of completion at the end of the course.



TRAINING COSTS

- Please contact us for more information about the price.
- Lunch and coffee breaks are included in the final price.

DAY 1	
Pre-reading: Chapter 1: Introduction + Chapter 2: Phaco Machine & Phaco Dynamics + Chapter 3: Phaco Incisions	
08:30	EXPLORA: Welcome
09:00	Introduction and Simulator Orientation
09:45	Understanding the Phaco Machine
10:15	Understanding Fluidics
10:45	Right and Left Paracentesis and Visco Injection: Classroom
11:15	Right and Left Paracentesis and Visco Injection: Simulator
12:45	Right and Left Paracentesis and Visco Injection - Debrief
13:00	LUNCH — LE PETIT CAFE
14:00	Main Incision: Classroom
14:45	Main Incision: Simulator
16:30	Main Incision: Debrief
16:45	END OF DAY

DAY 2	
Pre-Reading: Chapter 4: Capsulorrhexis + Chapter 5: Hydroprocedures & Nucleus Rotation + Chapter 6: Lens Removal (Nucleotomy)	
08:45	EXPLORA: Welcome
09:00	Module A - Assessment (All Discrete Steps)
09:45	Module A - Assessment (Debrief)
10:00	Capsulorrhexis - Classroom
10:30	Capsulorrhexis - Simulator
12:30	Capsulorrhexis: Debrief
12:45	LUNCH — LE PETIT CAFE
13:45	Hydrodissection Hydrodelineation Nucleus Rotation - Classroom
14:15	Hydrodissection Hydrodelineation Nucleus Rotation - Simulator
15:15	Hydrodissection Hydrodelineation Nucleus Rotation - Debriefing
15:30	Lens Removal
16:45	END OF DAY

DAY 3	
08:45	EXPLORA: Welcome
09:00	Module B - Assessment (All Discrete Steps)
09:45	Module B - Assessment (Debrief)
10:00	Divide & Conquer: Creating the Trenches - Simulator
11:00	Divide & Conquer: Creating the Trenches - Debrief
11:15	Divide & Conquer: Dividing the Nucleus into Four Quadrants - Simulator
12:00	Divide & Conquer: Dividing the Nucleus into Four Quadrants - Debrief
12:15	LUNCH — LE PETIT CAFE
13:15	Divide & Conquer: Emulsifying the the Nuclear Quadrants - Simulator
14:15	Divide & Conquer: Emulsifying the the Nuclear Quadrant - Debrief
14:30	Stop & Chop: All assignments
15:30	END OF DAY
19:00	DINER WITH THE TEAM

DAY 4	
Pre-Reading: Chapter 7: Cortex Removal + Chapter 8: IOL Implantation	
08:45	EXPLORA: Welcome
09:00	Direct Chop: Chopping & Emulsifying the Nucleus
10:30	Stop & Chop and Direct Chop - Debrief
10:45	Module C - Assessment (All Discrete Steps)
12:15	Module C - Assessment (Debrief)
12:30	Irrigating and Aspirating the Cortex Bimanually - Classroom
13:00	LUNCH — LE PETIT CAFE
14:00	Irrigating and Aspirating the Cortex Bimanually - Simulator
16:00	Irrigating and Aspirating the Cortex Bimanually - Debrief
16:15	END OF DAY

DAY 5	
Pre-Reading: Chapter 9: Visco Wash and Wound Hydration	
08:45	EXPLORA: Welcome
09:00	Injecting and Dialing the Foldable IOL - Classroom
09:30	Injecting and Dialing the Foldable IOL - Simulator
11:30	Injecting and Dialing the Foldable IOL - Debrief
11:45	LUNCH — LE PETIT CAFE
12:45	Hydrating Paracentesis and Incision - Classroom
13:15	Hydrating Paracentesis and Incision - Simulator
14:15	Hydrating Paracentesis and Incision - Debrief
14:30	Module D & E - Assessment (All Discrete Steps)
15:45	Module D & E - Assessment (Debrief)
16:00	END OF DAY

LEARN MORE ABOUT THE COURSE

<https://helpmesee.org/pstc/>

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THE MEDICAL DEVICE HUB
GEPROMED
FOR PATIENT SAFETY

HelpMeSee